

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW081922\
 Data File : VW027435.D
 Acq On : 19 Aug 2022 10:14
 Operator : SY/MD
 Sample : VSTD00114
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001214

Quant Time: Aug 20 05:21:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:20:09 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/22/2022
 Supervised By :Mahesh Dadoda 08/22/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	137084	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	138097	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	64653	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	9698	0.854	ug/L	0.00
7) Chloroethane-d5	1.568	69	7717	0.927	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.108	63	23162	1.064	ug/L	0.00
20) 2-Butanone-d5	3.928	46	10499m	5.674	ug/L	0.03
24) Chloroform-d	4.352	84	19795	0.933	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.037	65	8036	0.805	ug/L	0.00
32) Benzene-d6	5.053	84	34787	0.868	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.072	67	10172	0.831	ug/L	0.00
41) Toluene-d8	7.320	98	29151	0.796	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.632	79	3458	0.814	ug/L	0.00
46) 2-Hexanone-d5	8.101	63	9973m	6.284	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.217	84	7061	0.817	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.625	152	9455	0.873	ug/L	0.00
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.127	85	15336	0.962	ug/L	99
3) Chloromethane	1.240	50	13559	0.870	ug/L	95
5) Vinyl chloride	1.310	62	13904	0.942	ug/L	96
6) Bromomethane	1.523	94	6719	0.968	ug/L	99
8) Chloroethane	1.584	64	9114	1.102	ug/L	97
9) Trichlorofluoromethane	1.754	101	21638	1.067	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.117	101	12104	1.211	ug/L	96
12) 1,1-Dichloroethene	2.117	96	10578	1.058	ug/L	82
13) Acetone	2.175	43	11252m	8.011	ug/L	
14) Carbon disulfide	2.294	76	30078	0.802	ug/L	97
15) Methyl Acetate	2.439	43	3389	0.902	ug/L #	89
16) Methylene chloride	2.506	84	18772	1.206	ug/L	96
17) Methyl tert-butyl Ether	2.764	73	20562	0.894	ug/L	96
18) trans-1,2-Dichloroethene	2.760	96	11061	0.923	ug/L	96
19) 1,1-Dichloroethane	3.188	63	22792	0.977	ug/L	97
21) 2-Butanone	4.002	43	13111m	6.679	ug/L	
22) cis-1,2-Dichloroethene	3.915	96	11533	0.973	ug/L	97
23) Bromochloromethane	4.249	128	5364	0.976	ug/L	79
25) Chloroform	4.378	83	25842	1.067	ug/L	96
27) 1,2-Dichloroethane	5.137	62	12170	0.886	ug/L	99
29) 1,1,1-Trichloroethane	4.606	97	20904	1.046	ug/L	97
30) Cyclohexane	4.677	56	14264	0.900	ug/L	99
31) Carbon tetrachloride	4.828	117	18826	1.084	ug/L	99
33) Benzene	5.101	78	42929	0.902	ug/L	100
34) Trichloroethene	5.918	95	11964	1.005	ug/L	95
35) Methylcyclohexane	6.130	83	15655	0.967	ug/L	92
37) 1,2-Dichloropropane	6.178	63	12665	1.075	ug/L #	96
38) Bromodichloromethane	6.513	83	14770	0.963	ug/L #	97
39) cis-1,3-Dichloropropene	7.034	75	12173	0.836	ug/L	93
40) 4-Methyl-2-pentanone	7.230	43	45685	7.657	ug/L	95
42) Toluene	7.387	91	41876	0.881	ug/L	98
44) trans-1,3-Dichloropropene	7.657	75	11420	0.910	ug/L	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

45) 1,1,2-Trichloroethane	7.841	97	7657	0.924	ug/L	93
47) Tetrachloroethene	7.976	164	9465	1.012	ug/L	95
48) 2-Hexanone	8.146	43	33294m	7.766	ug/L	
49) Dibromochloromethane	8.246	129	9255	0.941	ug/L	100
50) 1,2-Dibromoethane	8.355	107	6724	0.915	ug/L #	96
51) Chlorobenzene	8.882	112	29438	0.950	ug/L	98
52) Ethylbenzene	9.014	91	42684	0.897	ug/L	99
53) m,p-Xylene	9.140	106	15262	0.839	ug/L	96
54) o-Xylene	9.545	106	15014	0.842	ug/L	94
55) Styrene	9.561	104	24544	0.806	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.243	83	8333	0.899	ug/L #	93
59) Bromoform	9.734	173	4488	1.023	ug/L	94
60) Isopropylbenzene	9.931	105	39533	0.957	ug/L	98
61) 1,2,3-Trichloropropane	10.275	75	6344	1.018	ug/L	98
62) 1,3,5-Trimethylbenzene	10.538	105	11389	0.999	ug/L	94
63) 1,2,4-Trimethylbenzene	10.915	105	28821	0.884	ug/L	98
64) 1,3-Dichlorobenzene	11.185	146	20378	0.982	ug/L	96
65) 1,4-Dichlorobenzene	11.271	146	21555	1.043	ug/L	97
67) 1,2-Dichlorobenzene	11.644	146	19282	1.011	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.426	75	1383	1.073	ug/L #	77
69) 1,3,5-Trichlorobenzene	12.644	180	15548	1.039	ug/L	98
70) 1,2,4-trichlorobenzene	13.262	180	11012	0.987	ug/L	98
71) Naphthalene	13.506	128	14424	0.856	ug/L	97
72) 1,2,3-Trichlorobenzene	13.744	180	9937	0.967	ug/L	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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